FEDERAL COMMUNICATIONS COMMISSION (F.C.C.) STATEMENT

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use only shielded cables or connect I/O devices to this equipment.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

CE

This device complies with requirement of EMC directive 89/336/EEC with regard to Electromagnetic Compatibility, and 73/23/EEC and 93/68/EEC with regard to Low Voltage directive.

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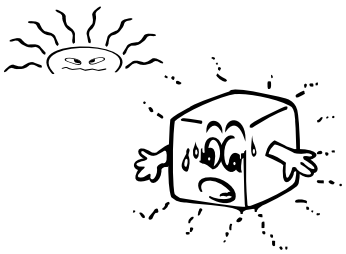
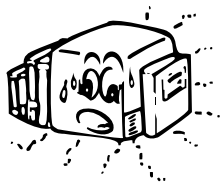
IMPORTANT SAFETY INSTRUCTIONS

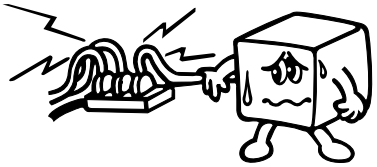
1. Do not use your monitor against a bright background or where the sun directly shines on it.



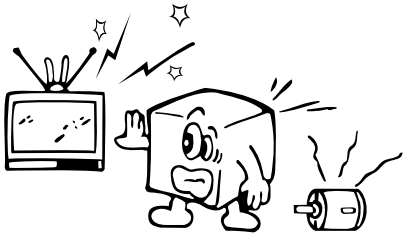
2. Allow adequate ventilation all around the monitor so that heat from the monitor can properly dissipate. The product should not be placed in a permeated ambience unless proper ventilation is provided.



3. Dot not rest the monitor or other heavy objects on the power cord. A damaged power cord can cause fires or electric shocks.

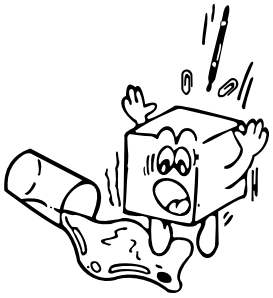


4. Keep the monitor away from high capacity transformers, electric motors and other strong magnetic fields. The monitor should never be placed near or over a radiator or heat register.



5. Do not place the monitor on an unstable cart, stand, or table, which might cause serious damage to the monitor if it falls.

6. Avoid spilling liquid on the monitor, and do not expose the monitor amp, to dust or dirty.



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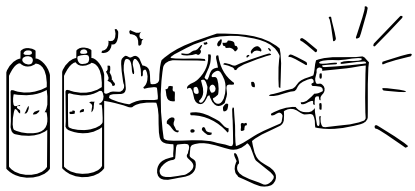
7. Do not connect with any other voltage or frequency beyond the range stated in the power rating overlay on the rear cabinet. Please follow all warnings and instructions marked on the product.

8. Unplug the monitor from the wall outlet before cleaning. Do not use liquid, or aerosol cleaners. Use a lightly-damp cloth to clean the exterior of the plastic cabinet.



9. As a safety feature, this product is equipped with a 3-wire grounding type plug pursuant to the safety regulation stipulated by local safety authority. This plug will only fit into a grounding-type power outlet. If a grounding-type power outlet is not available, contact a electrician to install one(s). Do not attempt to cut off the grounding pin to fit into an inappropriate power outlet. Choose a Tandem Blade attachment plug configuration power cord for 230 VAC input. Due to the safety requirements of different areas, please select a suitable power cord, as well as electric rating, according to the following rules:

A. Northern America area : Please select a UL listed and CSA certified power cord.
B. Germany : Please select a VDE certified power cord.
C. Nordic countries : Please select a power cord certified by SEMKO, NEMKO, DEMKO or FIMKO.
D. The other areas : Please select a power cord suitable to the local power system and power outlet.

Usually a suitable power cord is provided by the manufacturer, when this product is sold. However, this product is sometimes resold or transported to another area operating under frequency different power and safety requirements, so it is very important to pay attention to the type of power cord being used.

The plug on the power cord is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

10. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points, or short circuit parts that could result in fire or electric shock.

11. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to service personnel.

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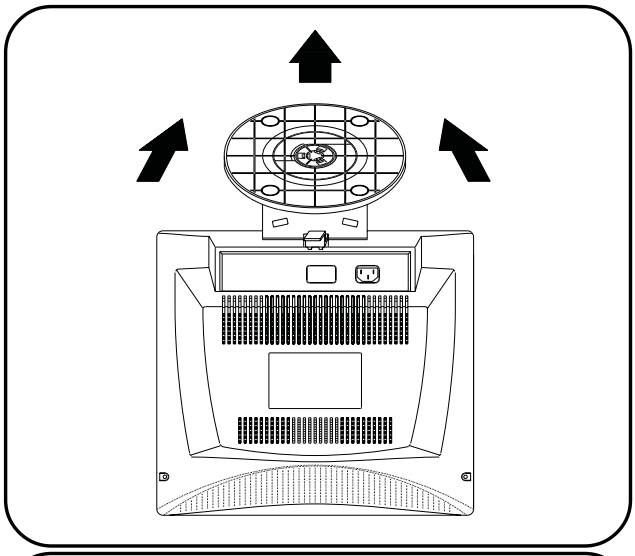
INSTALLING AND REMOVING THE TILT SWIVEL BASE

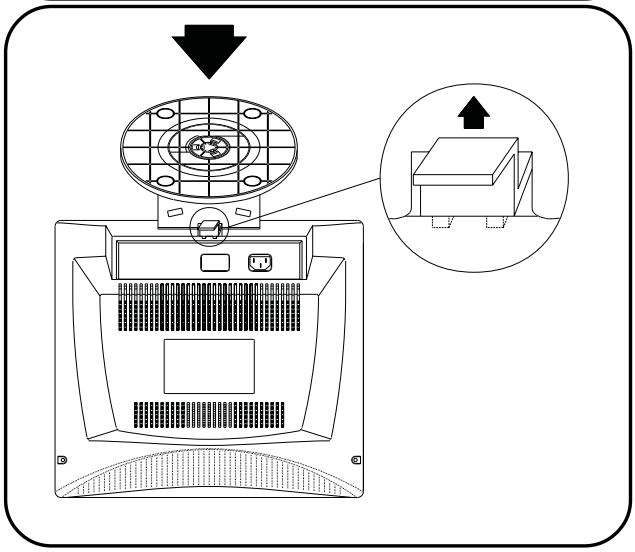
Turn off the system and unplug all cables when installing or removing the tilt swivel base, then carefully set the monitor upside down.



To install

1. Align the base with the slots in the bottom of the monitor and insert the Tilt Swivel Base into the slots.

2. Push the Tilt Swivel Base firmly toward the front of the monitor until the latches click into the locked position.

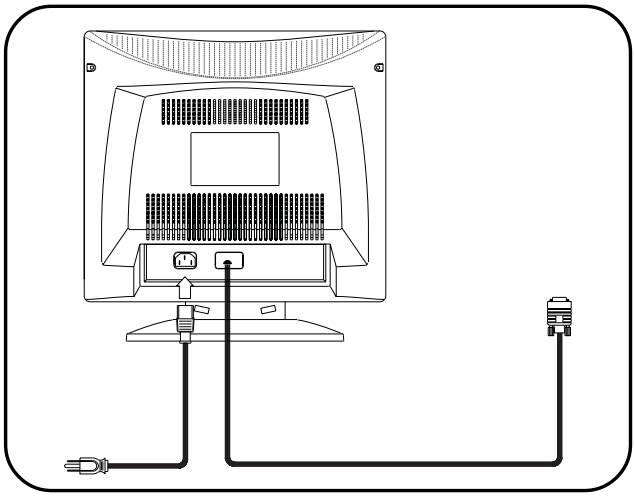


To remove

1. Squeeze and pull the latches.
2. Pull the Tilt Swivel Base to the rear of the monitor and lift to remove the Base.

CONNECTING THE MONITOR

1. Turn off the computer.
2. Connect the monitor's signal cable to the graphic card.
3. Plug in the monitors power cord.
4. Turn on the computer, and the monitor



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ENERGY DECLARATION

This monitor is equipped with a function for saving energy which supports the VESA Display Power Management Signaling (DPMS) standard. This means that the monitor must be connected to a computer which supports VESA DPMS to fulfil the requirements in the NUTEK specification 803299/94/96. Time settings are adjusted from the system unit by software. From indicated inactivity to Power Saving Position A2 the total time must not be set to more than 70 minutes.

VESA Power-Management Proposal

VESA DPMS Standard			
H.sync	V. sync	Video	State
Off	On	Blank	Stand-by
On	Off	Blank	Suspend
Off	Off	Blank	Off

Power Consumption (120/230Vac)

NUTEK	VESA state	LED indicator	Power Consumption
Normal operation	On	Green	< 100W
Power Saving Position A1	Stand-by	Amber	≤15W
Power Saving Position A2	Off	Amber	≤8W

According to TCO guidelines, the optimum TCO readings are measured when brightness and contrast are adjusted to their center position.

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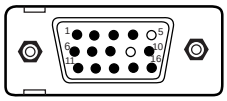
PRESET MODES

Display Format	VGA		VESA	VESA	VESA	VESA	VESA
Horizontal Dots	720	640	640	800	800	1024	1024
Vertical Lines	400	480	480	600	600	768	768
Horizontal Frequency	31.5KHz		43.2KHz	37.8KHz	53.6KHz	60KHz	68.6KHz
Vertical Frequency	70Hz	60Hz	85Hz	60Hz	85Hz	75Hz	85Hz

PIN ASSIGNMENTS

D-SUB TYPE 15P



PIN	ASSIGNMENT	PIN	ASSIGNMENT
1	Red Rot Rouge	9	No-Connection Nicht belegt Aucune connexion
2	Green Grün Vert	10	Ground Erde Masse
3	Blue Blau Bleu	11	Ground Erde Masse
4	Ground Erde Masse	12	SDA (DDC) SDA (DDC) SDA (DDC)
5	No-connection Nicht belegt Aucune connexion	13	H. Sync H-Sync Synchr. horiz.
6	Red Rtn Rot Zurück Rouge(retour)	14	V.Sync V-Sync Synchr. vertic.
7	Green Rtn Grün Zurück Vret (retour)	15	SCL (DDC) SCL (DDC) SCL (DDC)
8	Blue Rtn Blau Zurück Bleu (retour)		

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USER CONTROLS

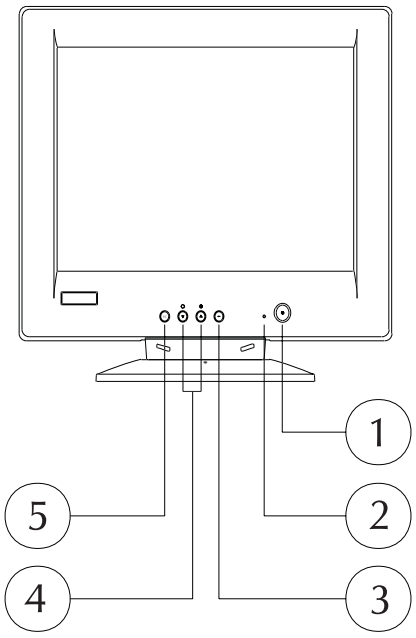
(1) POWER BUTTON

(2) POWER INDICATOR
As long as the monitor is powered this indicator is lit. In normal operation it lights green, while in power saving mode the indicator will turn to amber.

(3) ENTER BUTTON (↵)
To open On Screen Display (OSD) Menu or Enter Subdirectory.

(4) CONTROL BUTTON
To adjust the parameter of a selected function.

(5) EXIT BUTTON (ESC)
To exit OSD window.



POWER SAVE NOTE
This monitor is equipped with automatic power-saving circuitry design which will work with any computer unit following the VESA DPMS detection format, and the ENERGY STAR low power state definition. Every time when you first turn on your PC and monitor ,the power save function remains inactive, the function will then be triggered when the input signal from the PC is cut off by the computer itself, or through some other loss of signal input afterwards.

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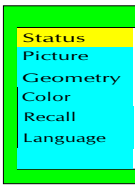
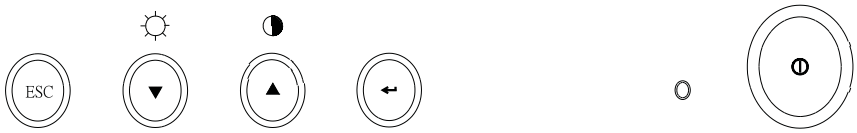
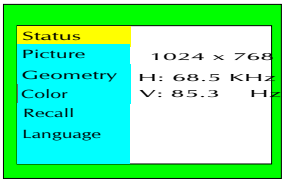
HOW TO USE ON-SCREEN ADJUSTMENT

(1) Press "↵" to open the On-Screen menu. Six adjustment functions will appear on the On-Screen menu.
Press "▲" or "▼" to scroll selections from top-down sequence.
Press "↵" to enter the item which is selected or to activate the preferred adjustments.
Press "ESC" to exit the On-Screen Menu or up level.



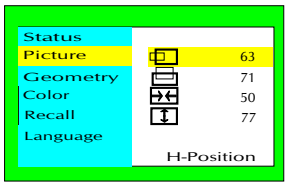


A. STATUS:



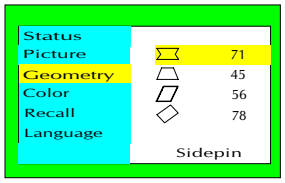
To display existing timing data of resolution and frequency.

B. PICTURE:



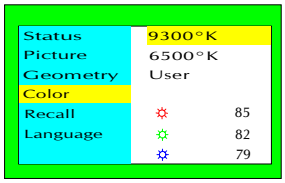
1. Press "▲" or "▼" to select Vertical and Horizontal position, Vertical and Horizontal size.
2. Press "↵" to preferred picture.

C. GEOMETRY:



a. Press "▼" or "▲" to select Side-pin, Balance, Keystone, Parallel and Rotate.
b. Press "Enter" to preferred picture.

D. COLOR:



1. Press "▲" or "▼" to select various white color temperature standards.
2. In User item presss "Enter" to confirm action color adjustment.
3. Press "▲" or "▼" to select Red, Green and Blue.
4. Press "▲" or "▼" increase or decrease density.

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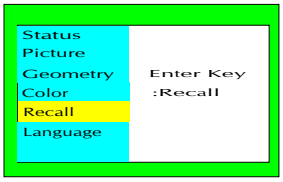
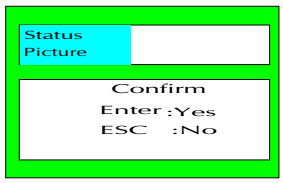
E. RECALL:



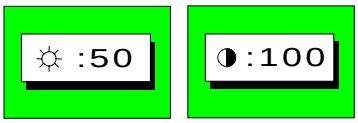
Confirm the Recall action by pressing the "↵" or cancel the action by pressing the "ESC".



F. LANGUAGE:

Press "▼" or "▲" to select the Language for OSD only.

(2) Contrast/Brightness:



When OSD is off, "▲" or "▼" will be adjust contrast or brightness.

* All adjustments except color adjustment will be automatically saved.
* The menu block will disappear after 20 seconds without any data changing or press "exit" key directly.

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USER'S SPECIFICATIONS

Picture Tube:	43.1cm/17 inches(Viewable 40.6cm/16"), 0.27mm(Mask) Dot Pitch				
Scan Freq.:	30～70 KHz, Horizontal, 50～130 Hz, Vertical				
Resolution:	1280x1024 (60Hz), maximum				
Power Supply:	AC 100V-120V/200V-240V, 50/60Hz (Automatic)				
Power Consumption:	95W (＜8W in power-saving mode)				
Plug & Play	DDC 1 / DDC 2B				
Degussion	Automatic				
Dimension:	412 (W) x 370 (H) x 417 (D)mm 16.2(W) x 14.6(H) x 16.4(D) inches				
Weight:	15.5 Kgs/34.1 lbs				
Environmental:	Operating	Temperature	5°C	to	35°C
		Humidity	20%	to	80%(Non condensing)
	Storage	Temperature	-20°c	to	60°C
		Humidity	10%	to	90%(Non condensing)

Note: Specifications are subject to change without notice.

USER'S HANDY TROUBLE-SHOOTING GUIDE

What you see	**What to do**
No picture	Check monitor power switch, and cable Maximize brightness and contrast.
"No Signal Input" is displayed	Check signal cable
on screen	Is the PC on? Is the video card working ?
Wavy Picture	Remove nearby hi-frequency electronic devices, TV/ radio, transmitter, etc

Call service personnel when:

A. The power cord or plug is damaged or frayed.
B. Liquid has been spilled into the monitor.
C. The monitor does not operate normally when operating instructions are observed.
D. The monitor has been dropped or the cabinet has been damaged.

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PLUG & PLAY

Notice : This monitor is equipped with Plug & Play capability(VESA DDC 1/2B). To utilize this capability, your graphic card and hosting system have to be Plug & Play compatible as well. When properly plugged(Plug), the graphic card and hosting system will automatically (Play)identify, configure, and most importantly, optimize this monitor's capabilities, providing you with simple and easy installation and setup.

MANUFACTURER'S LIMITED WARRANTY

The Manufacturer guarantees the Purchaser of this product with a one-year free parts & labor warranty in the unlikely event of product defect caused by material or workmanship.

The product should be returned with original packaging, proof of purchase and/or RMA Number. Furthermore, it is understood and agreed that the returned product is freightage-prepaid and fully-insured for the one-way transit by the Purchaser within the valid warranty period.

The defective monitor will be repaired replaced depending on the defective condition verified by technicians, or authorized/approved service companies.

Due to world-wide distribution of this product, various customized-warranty of this product may be provided from country to country, please check the enclosed WARANTY CARD, or, contact your local vendors, for different warranty details.

Service Contact

For USA, Canada, and other American countries, contact Los Angelas, Calif., USA,
Tel : 1-800-8882012 Fax : 1-909-5988294

For UK, contact Warford, the United Kingdom
Tel :44 1923 810 805 Fax : 44 1923 810841 and 844

For Netherlands, contact Eindhoven, the Netherlands
Fax : 31-40-290 9716

For Germany, contact Neuss, Germany
Fax : 49 2131 349 930

For Middle East, contact Dubai, U.A.E.
Tel : 971-4-835202 Fax : 971-4-835224

For Taiwan, contact Taipei, R.O.C.
Tel : 080-003-738 Fax : 886-2-2917-0833

For other areas, contact Taipei, R.O.C.
Tel : 886-2-2917-5055 Fax : 886-2-2917-0833

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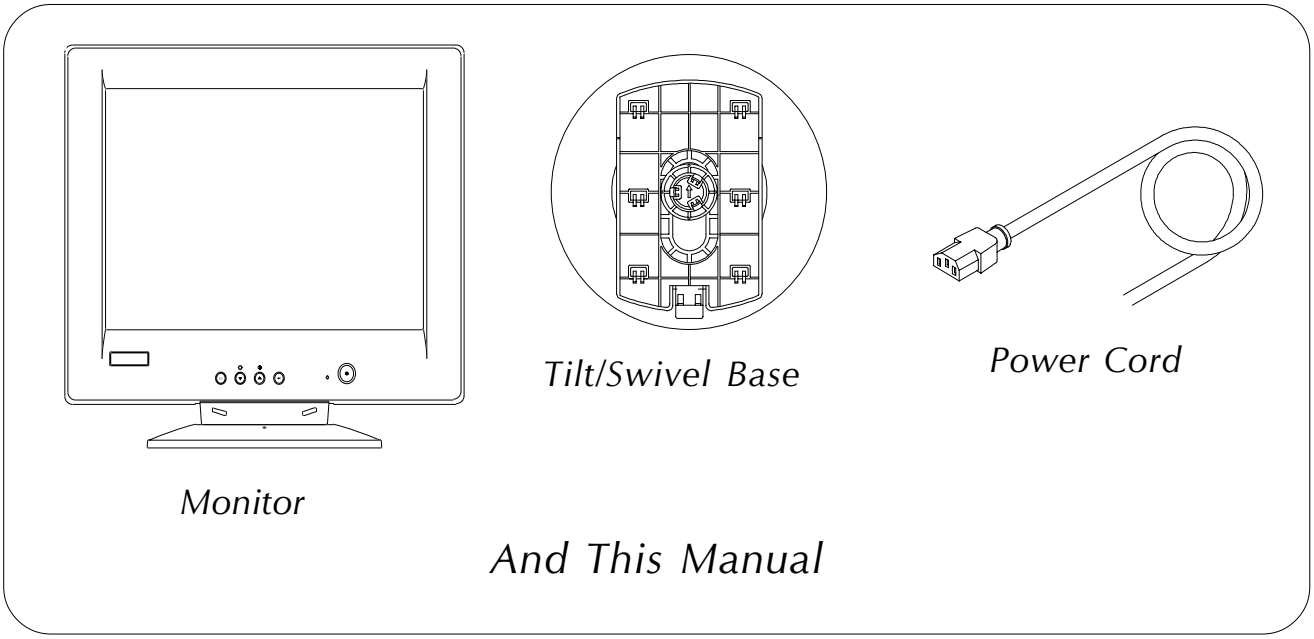
Operating Instructions

VL700

43.1cm/17" (viewable 40.6cm/16"), 0.27mm(Mask) dot pitch,
30-70KHz, VESA 1280*1024 Non-interlaced
with IBM VGA auto-sizing, universal power supply,
ENERGY STAR power-saving feature, Plug & Play
for IBM PC, PS/2, or compatible computer system



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